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Sub #15

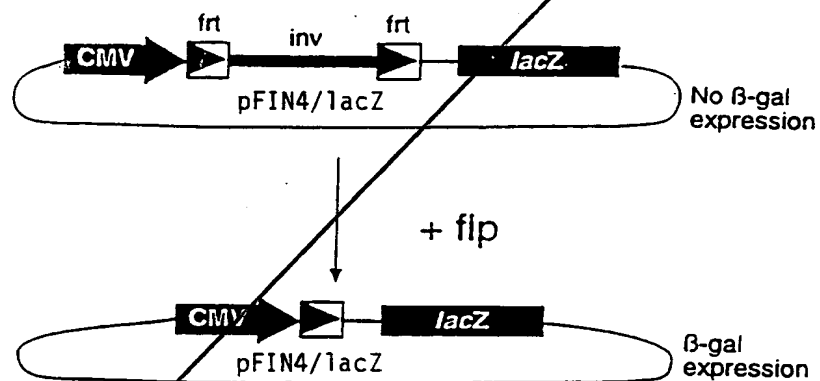


FIGURE 1

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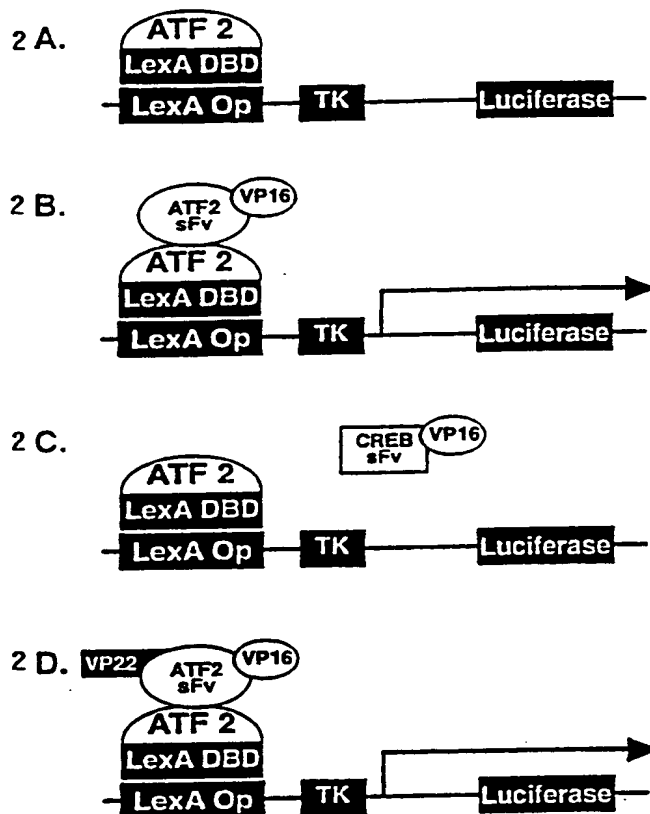


FIGURE 2

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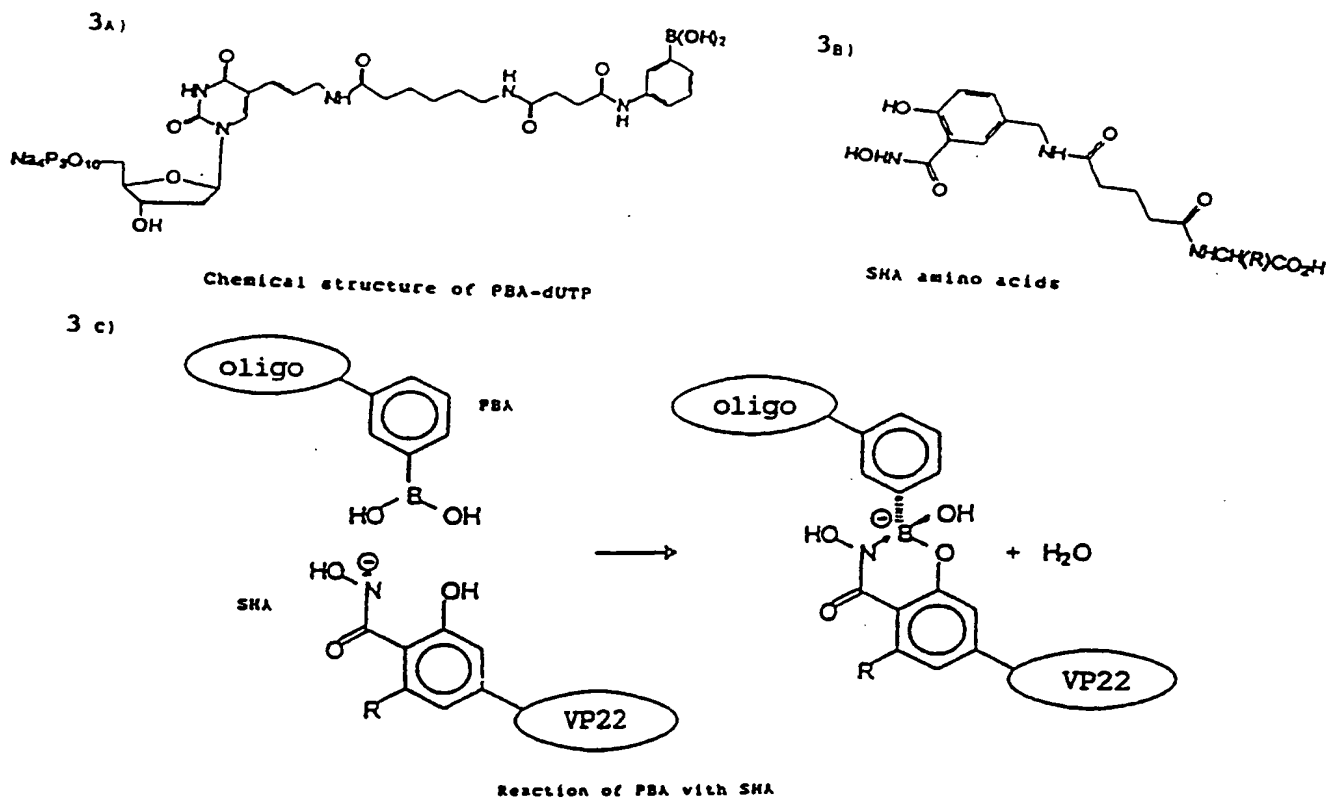


FIGURE 3

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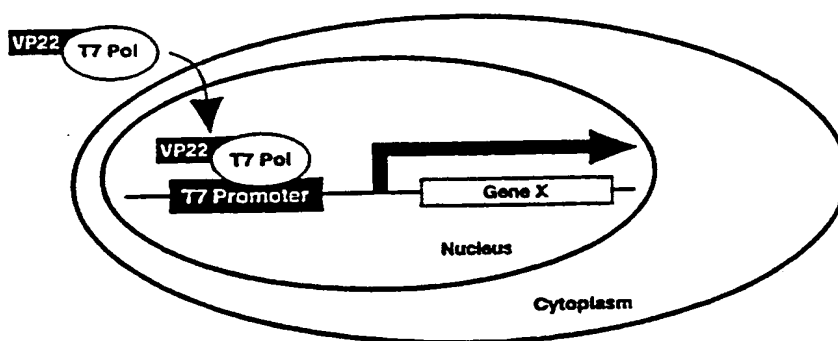


FIGURE 4

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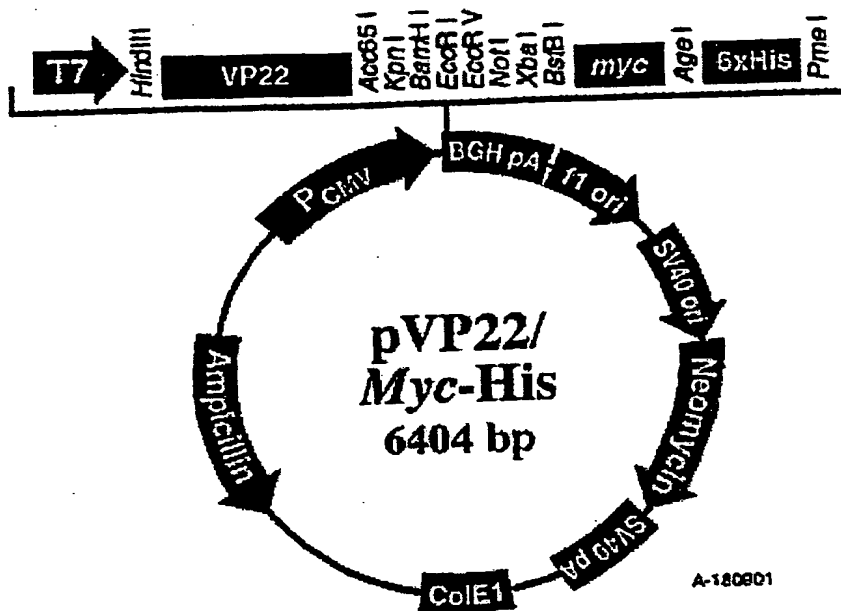


FIGURE 5

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GACGGATCGGGAGATCTCCCGATCCCCTATGGTCGACTCTCAGTACAATCTGCTCTGATGCCGCATAGTT
 AAGCCAGTATCTGCTCCCTGCTTGTGTGTGGAGGTGCTGAGTAGTGCAGGAGCAAAATTTAAGCTACA
 ACAAGGCAAGGCTTGACCGACAATTGCATGAAGAATCTGCTTAGGGTTAGGCGTTTTGCGCTGCTTCGCG
 ATGTACGGGCGAGATATACGCGTTGACATTGATTATTGACTAGTTATTAATAGTAATCAATTACGGGGTC
 ATTAGTTTCATAGCCCATATATGGAGTTCCGCGTTACATAAATTACGGTAAATGGCCGCTTGGCTGACCG
 CCCAACGACCCCCCGCCATTGACGTCATAATGACGTATGTTCCCATAGTAACGCCAATAGGGACTTTCC
 ATTGACGTCATGGGTGGACTATTTACGGTAAACTGCCCACTTGGCAGTACATCAAGTGTATCATATGCC
 AAGTACGCCCCCTATTGACGTCATGACGGTAAATGGCCCGCTGGCATATGCCCAGTACATGACCTTA
 TGGGACTTTCTTACTTGGCAGTACATCTACGTATTAGTCATCGCTATTACCATGGTGTATGCCGTTTGGC
 AGTACATCAATGGGCGTGGATAGCGGTTTGACTCACGGGGATTTCAGTCTCCACCCCATGACGTCAA
 TGGGAGTTTGTTTGGCACCAAAATCAACGGGACTTTCCAAAATGTCGTAACAACCTCCGCCCATGACG
 CAAATGGGCGGTAGGCGGTACGGTGGGAGGTCATATAAGCAGAGCTCTCTGGCTAACTAGAGAACCCA
 CTGCTTACTGGCTTATCGAAATTAATACGACTCACTATAGGGAGACCCAAGCTGGCTAGTTAAGCTTATT
 ATGACCTCTCGCGCTCCGTGAAGTCGGGTCGCGGGAGGTTCCGCGCGATGAGTACGAGGATCTGTACT
 ACACCCGCTCTTCAGGTATGGCGAGTCCCGATAGTCCGCTGACACCTCCGCGGTGGCGCCTACAGAC
 ACGCTCGCGCCAGAGGGGCGAGGTCGTTTCGTCTCAGTACGACGAGTCGGATTATGCCCTCTACGGGGC
 TCGTCTTCCGAAGACGACGAACACCCGGAGGTCGCCCGGACGCGCGCTCCGTTTCCGGGGCGGTTTGT
 CCGGCCCCGGGCTGCGCGGGCGCCTCCGCCACCCGCTGGGTCCGGAGGGCGGACGCACACCCACAC
 CGCCCCCGGGCCCCCGAACCAGCGGTTGGCGTCTAAGGCCCGCGCGGCCCCGGCGCGGAGACCACC
 CGCGGCAGGAAATCGGCCAGCCAGAATCCGCCGCACTCCAGACGCCCGCGCTCGACGGCGCAACCC
 GATCCAAGACACCCGCGCAGGGGCTGGCCAGAAAGCTGCACTTTAGCACCGCCCCCAACCCCGACGC
 GCCATTGGACCCCCGGGTGGCGGCTTTAACAAAGCGCGTCTTCTGCGCCGCGGTCCGGCGCTTGGCGGC
 ATGATCGCCCGATGGCGGCTGTCCAGCTCTGGGACATGTGCGCTCCGCGCACAGACGAAGACCTCAACG
 AACTCCTTGGCATCACCACTCCGCGTGACGCTCTGCGAGGGCAAAACCTGCTTCAGCGCGCAACGA
 GTTGGTGAATCCAGACGTGGTGCAGGACGTCGACGCGGCCACGCGACTCGAGGGCGTTCTGCGCGTTCG
 CGCCACCGAGCGACCTCGAGCCCCAGCCGCTCCGCTTCTCGCCCCAGACGGCCCGTTCGAGGGTACCG
 AGCTCGGATCCACTAGTCCAGTGTGGTGGAAATCTGCAGATATCCAGCACAGTGGCGGCGCTCGAGTCT
 AGAGGGCCCGCGGTTCAACAAAACTCATCTCAGAAGAGGATCTGAATATGCATACCGGTCATCATCAC
 CATCACCATTTAGTTTAAACCCGCTGATCAGCCTCGACTGTGCTTCTAGTTGCCAGCATCTGTGTGTT
 GCCCTCCCCCGTGCCTTCTTGACCCCTGGAAGGTGCCACTCCCACTGTCTTCTTAATAAAATGAGGA
 AATTGCATCGCATTTGTCTGAGTAGGTGTCAATCTATTCTGGGGGTGGGGTGGGGCAGGACAGCAAGGG
 GAGGATTGGGAAGACAATAGCAGGCATGTGGGGATGCGGTGGGCTCTATGGCTTCTGAGGCGGAAGAA
 CCAGCTGGGGCTCTAGGGGATATCCCAACGCGCCTGTAGCGGCGCATTAAGCGCGGCGGGTGTGGTGGT
 TACGCGCAGCGTGACCGCTACACTTGCCAGCGCCCTAGCGCCGCTCCTTTCCGCTTCTTCCCTTCTT
 CTCGCCACGTTCCGCGGCTTTCCCGCTCAAGCTCTAAATCGGGGCATCCCTTTAGGGTCCGATTTAGTG
 CTTTACGGCACCTCGACCCCAAAAACTTGATTAGGGTGATGGTTACGCTAGTGGGCCATCGCCCTGTGATA
 GTCGGTTTTTTCGCTTGTGACGTTGGAGTCCACGTTCTTTAATAGTGGACTCTGTGTTCCAAACTGGAACA
 ACACTCAACCTATCTCGGTCTATTCTTTGATTATTAAGGGATTTTGGGGATTTCCGCGCTATTGGTTAA
 AAAATGAGCTGATTAAACAAAAATTAACGCGAATTAATTCTGTGGAATGTGTGTCAGTTAGGGTGTGGA
 AAGTCCCGGCTCCCGAGGCAGGAGATGTCAGAAAGCATGCATCTCAATTAGTCAGCAACCCAGGTGT
 GGAAAGTCCCGAGGCTCCCGAGCAGGAGATGTCAGAAAGCATGCATCTCAATTAGTCAGCAACCCATAG
 TCCCGCCCCCTAACTCCGCCCATCCCGCCCCCTAACTCCGCCCAGTTCGCGCCCATTTCTCCGCCCCATGGCTG
 ACTAATTTTTTTTATTATGTCAGAGGCGAGGCGGCTCTGCGCTCTGAGCTATTCCAGAGATGTGAGGA
 GGCTTTTTTGGAGGCTAGGCTTTTGCAAAAGCTCCCGGGAGCTGTATATCCATTTTCGGATCTGATC
 AAGAGACAGGATGAGGATCGTTTCGCATGATTGAACAGATGGATTGCACGAGGTTCTCCGGCCGCTTG
 GGTGGAGAGGCTATTCCGCTATGACTGGGCACAACAGACAATCGGCTGCTCTGATGCCGCGGTGTTCCGG
 CTGTACGCGCAGGGGCGCCCGGTTCTTTTGTCAAGACCGACCTGTCCGGTGCCCTGAATGAATGCAGG
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 TGAAGCGGGAAGGAGTGGCTGCTATTGGGCGAAGTGCCGGGCGAGGATCTCCTGTCTACCTTGTCT
 CCTGCGGAGAAAGTATCCATCATGGCTGATGCAATGCGGCGGCTGCATACGCTTGTATCCGCTACCTGCC
 CATTCGACCACCAAGCGAAACATCGCATCGAGCGAGCAGTACTCGGATGGAAGCCGGTCTTGTGATCA
 GGATGATCTGGACGAAGAGCATCAGGGGCTCGCGCCAGCCGAACCTGTTCCGCGAGGCTCAAGGCGCGCATG
 CCCGACGGCGAGGATCTCGTCTGACCCATGGCGATGCTGCTTGCAGAAATCATGGTGGAAAAATGGCC
 GCTTTTCTGGATTCTACGACTGTGGCGGCTGGGTGTGGCGGACCGCTATCAGGACATAGCGTTGGCTAC
 CCGTGATATTGCTGAAGAGCTTGGCGGCAATGGGCTGACCGCTTCTCTGCTGTTTACGGTATCGCCGCT
 CCCGATTCCGAGCGCATCGCCTTCTATCGCCTTCTTGACGAGTTCTTCTGAGCGGACTCTGGGGTTCGC
 GAAATGACGACCAAGCGACGCCCAACCTGCCATCACGAGATTTGATTCCACCGCGCTTCTATGAAA
 GGTGGGCTTCGGAATCGTTTTCCGGGACGCGGCTGGATGATCCTCCAGCGCGGGGATCTCATGCTGGA
 GTTCTTCGCCCCACCCAACTGTTTTATTGACGCTTATAATGGTTACAAATAAAGCAATAGCATCACAAAT
 TTCAAAATAAAGCATTTTTTCACTGCATTCTAGTTGTGGTTGTCCAAACTCATCAATGTATCTTATC
 ATGCTGTATACCGTCGACCTCTAGCTAGAGCTTGGCGTAATCATGGTCATAGCTGTTTCTGTGTGAAA
 TTGTTATCCGCTCACAAATCCACACAACATACGAGCCGAAGCATAAAGTGTAAAGCTGGGGTGCCTAA
 TGAGTGAGCTAACTCACATTAATTCGCTTGGCTCACTGCCCGCTTCCAGTCGGGAACCTGTCTGCGTGC
 AGCTGCATTAATGAATCGGCCAACGCGCGGGGAGAGCGGTTTGTGCTATTGGGCGCTTCTCCGCTTCTC
 GCTCACTGACTCGCTGCGCTCGGTGCTTCCGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAATA
 CGGTTATCCACAGAATCAGGGGATAACGAGGAAAGACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGA
 ACCGTAAAAAGGCCGCTTGCTGGCGTTTTTCCATAGGCTCCGCCCCCTGACGAGCATCAAAAAATCG

FIGURE 6A

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ACGCTCAAGTCAGAGGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCGTTTCCCCCTGGAAGCTCC
CTCGTGCGCTCTCCTGTTCCGACCCTGCCGCTTACCGGATACCTGTCCGCCTTTCTCCCTTCGGGAAGCG
TGGCGCTTTCTCAATGCTCACGCTGTAGGTATCTCAGTTCGGTGTAGGTCTGCTCCAAGCTGGGCTG
TGTGCACGAACCCCCGTTTCCAGCCCGACCGCTGCGCCTTATCCGGTAACTATCGTCTTGAGTCCAACCCG
GTAAGACACGACTTATCGCCACTGGCAGCAGCCACTGGTAACAGGATTAGCAGAGCGAGGTATGTAGGCG
GTGCTACAGAGTCTTGAAGTGGTGGCTAACTACGGCTACACTAGAAGGACAGTATTTGGTATCTGCGC
TCTGCTGAAGCCAGTTACCTTCGGAAAAAGAGTTGGTAGCTCTTGATCCGGCAAACAAACCACCGCTGGT
AGCGGTGGTTTTTTTGTGTTGCAAGCAGCAGATTACGCGCAGAAAAAAGGATCTCAAGAAGATCCTTTGA
TCTTTTCTACGGGGTCTGACGCTCAGTGGAAACGAAAACTCACGTTAAGGGATTTTGGTTCATGAGATTATC
AAAAAGGATCTTACCTAGATCCTTTTAAATTAATAATGAAGTTTAAATCAATCTAAAGTATATATGAG
TAAACTTGGTCTGACAGTTACCAATGCTTAATCAGTGAGGCACCTATCTCAGCGATCTGTCTATTTCTGTT
CATCCATAGTTGCCCTGACTCCCCGTCGTGTAGATAACTACGATACGGGAGGGCTTACCATCTGGCCCCAG
TGCTGCAATGATACCGCGAGACCCACGCTCACCGGCTCCAGATTTATCAGCAATAAACCAGCCAGCCGGA
AGGGCCGAGCGCAGAAGTGGTCTGCAACTTTATCCGCTCCATCCAGTCTATTAAATTGTTGCCGGAAG
CTAGAGTAAGTAGTTCCGCGTTAATAGTTTGCGCAACGTTGTTGCCATTGCTACAGGCATCGTGGTGTCT
ACGCTCGTCTGTTTGGTATGGCTTCATTTCAGTCCGGTTCCCAACGATCAAGGCGAGTTACATGATCCCC
ATGTTGTGCAAAAAAGCGGTTAGCTCCTTCGGTCTCCGATCGTTGTCAAGTAAGTTGGCCGAGTGT
TATCACTCATGTTTATGGCAGCACTGCATAATTCTTCTACTGTCTATGCCATCCGTAAGATGCTTTTCTGT
GACTGGTGAAGTACTCAACCAAGTCATTCTGAGAATAGTGTATGCGGCGACCGAGTTGCTCTTGCCCGGCG
TCAATACGGGATAATACCGCGCCACATAGCAGAACTTTAAAGTGCTCATCATTTGGAACCGTTCTTCGG
GGCGAAAACTCTCAAGGATCTTACCGCTGTTGAGATCCAGTTCGATGTAACCACTCGTGCACCCAACTG
ATCTTCAGCATCTTTTACTTTTACCAGCGTTTCTGGGTGAGCAAAAACAGGAAGGCAAAATGCCGCAAAA
AAGGGAATAAGGGCGACACGGAAATGTTGAATACTCATACTCTTCCTTTTCAATATTATTGAAGCATTT
ATCAGGGTTATTGTCTCATGAGCGGATACATATTTGAATGTATTTAGAAAAATAACAAATAGGGGTTCC
GCGCACATTTCCCCGAAAAGTGCCACCTGACGTC

FIGURE 6B

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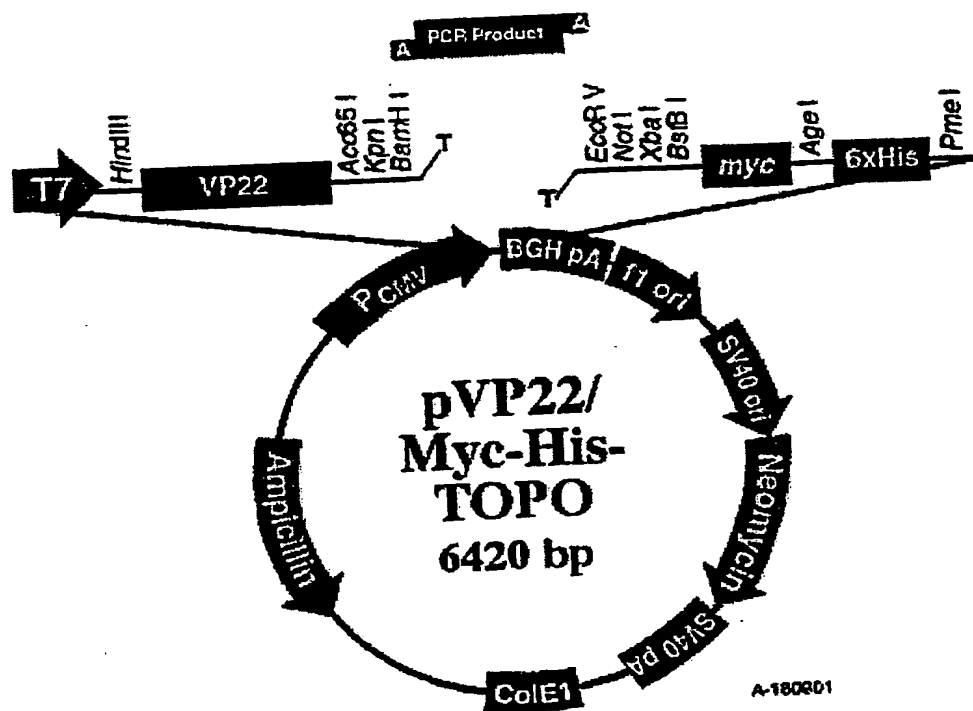


FIGURE 7

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GACGGATCGGGAGATCTCCCGATCCCCTATGGTGCAGTCTCAGTACAATCTGCTCTGATGCCGCATAGTT
 AAGCCAGTATCTGCTCCCTGCTTGTGTGGAGGTCGCTGAGTAGTGCAGAGCAAAATTTAAGCTACA
 ACAAGGCAAGGCTTGACCGACAATTGCATGAAGAATCTGCTTAGGGTTAGGCGTTTTGCGCTGCTTCGCG
 ATGTACGGGCGCAGATATACGCGTTGACATTGATTATTGACTAGTTATTAATAGTAATCAATTACGGGGTC
 ATTAGTTTCATAGCCCATATATGGAGTTCCGCGTTACATAAATTACGGTAAATGGCCCGCTGGCTGACCG
 CCCAACGACCCCGCCCATTTGACGTCAATAATGACGTATGTTCCCATAGTAACGCCAATAGGGACTTTCC
 ATTGACGTCAATGGGTGGACTATTTACGGTAAACTGCCCACTTGGCAGTACATCAAGTGTATCATATGCC
 AAGTACGCCCCCTATTGACGTCAATGACGGTAAATGGCCCGCTGGCATTATGCCAGTACATGACCTTA
 TGGGACTTTTCTACTTGGCAGTACATCTACGTATTAGTCATCGCTATTACCATGGTGATGCGGTTTTGGC
 AGTACATCAATGGGCGTGGATAGCGGTTTGACTCACGGGATTTCCAAGTCTCCACCCCATTGACGTCAA
 TGGGAGTTTTGTTTTGGCACCAAAATCAACGGGACTTTCCAAAATGTCTGAACAACTCCGCCCATTGACG
 CAAATGGGCGGTAGGCGTGTACGGTGGGAGGTTCTATATAAGCAGAGCTCTCTGGCTAACTAGAGAACCCA
 CTGCTTACTGGCTTATCGAAATTAATACGACTCACTATAGGAGACCCAAGCTGGCTAGTTAAGCTTATT
 ATGACCTCTCGCGCTCCGTGAAGTCGGGTCCGCGGAGGTTCCGCGCGATGAGTACGAGGATCTGTACT
 ACACCCCGTCTTCAGGTATGGCGAGTCCCGATAGTCCGCTGACACCTCCGCGCGTGGCGCCCTACAGAC
 ACGCTCGCGCCAGAGGGGCGAGGTCGGTTTTCTGTAGCTACGAGTACGAGTGGATTATGCCCTCTACGGGGG
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 CCGGCCCCGGGGCTGCGCGGCGCCTCCGCCACCCGCTGGGTCCGGAGGGGCGGACGACACCCACCAC
 CGCCCCCGGGCCCCCGAACCCAGCGGGTGGCGACTTAAGGCCCGCGCGGCCCGGCGGAGACCAAC
 CGCGGCAGGAAATCGGCCAGCAGAAATCCGCCGCACTCCAGACGCCCCCGCTGACGCGGCCAACCC
 GATCCAAGACACCCGCGCAGGGGTGGCCAGAAAGCTGCACTTTAGCACCGCCCCCAACCCCGACGC
 GCCATGGAGCCCCCGGGTGGCGGCTTTAACAAGCGCGTCTTCTGCGCGCGGTGCGGCGCTGGCGGCG
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 AACTCCTTGGCATCACCACTCCGCGTACGCTCTGCGAGGGCAAAACCTGCTTCAGCGCGCCAAACGA
 GTTGGTGAATCCAGACGTGTGACGAGCTGACGCGGCCACGCGGACTCGAGGGCGTTCTGCGGCGT
 CGCCCCACCGAGCGACTCGAGCCCCAGCCGCTCCGCTCTCTGCGCCAGACGCGCCGCTCGAGGTATCCG
 AGCTCGGATCCACTAGTCCAGTGTGGTGAATGCCCTTAAGGGCAATTCTGCAGATATCCAGCACAGTG
 GCGGCGCTCGAGTCTAGAGGCGCCGCGGTTTCAACAAAACTCATCTCAGAAGAGGATCTGAATATGCA
 TACCGGTTCATCATCACCATCACCATTGAGTTTAAACCGCTGATCAGCCTCGACTGTGCTTCTAGTTGC
 CAGCCATCTGTTGTTTGGCCCTCCCGCGTGCCTTCTTGACCTGGAAGGTGCCACTCCACTGTCTTTT
 CCTAATAAAATGAGGAAATGTCATCGCATTTGTCTGAGTAGGTGTCTATTCTTCTGGGGGGTGGGGTGGG
 GCAGGACAGCAAGGGGGAGGATTGGGAAGACAATAGCAGGCATGCTGGGGATGCGGTGGGCTCTATGGCT
 TCTGAGGCGGAAGAACCAGCTGGGGCTTAGGGGTTATCCCAACGCGCCCTGTAGCGCGCATTAAGCG
 CGCGGGTGTGGTGGTTACGCGCAGCGTGACCGCTACACTTGCCAGCGCCCTAGCGCCGCTCCTTTCGC
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 GGGTTCGATTAGTGCTTTACGGCACCTCGACCCCAAAACTTGATTAGGGTGATGGTTACAGTATG
 GGCCATCGCCCTGATAGACGCTTTTTCGCCCTTTGACGTTGGAGTCCACGTTCTTTAATAGTGGACTCTT
 GTTCCAACTGGAACAACACTCAACCTATCTCGGTCTATTCTTTGATTATAAGGGATTTTGGGGATT
 TCGGCTATTGGTTAAAAATGAGCTGATTTAACAAAAATTTAACGCGAATTAATTCTGTGGAATGTGTG
 TCAGTTAGGGTGTGGAAGTCCCAAGGCTCCCAAGGCAGGAGGATATGCAAGCATGCATCTCAATTA
 GTCAGCAACCAGGTGTGGAAGTCCCAAGGCTCCCAAGGCAGGAGGATATGCAAGCATGCATCTCAAT
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 CTCCGCCCCATGGCTGACTAATTTTTTTTATTATGAGAGGCGGAGGCGCTCTGCTCTGAGCTATT
 CCAGAAGTAGTGAGGAGGCTTTTGGAGGCTTAGGCTTTTGCAAAAAGCTCCCGGAGCTTGTATATCC
 ATTTTCGGATCTGATCAAGAGACAGGATGAGGATCGTTTCGATGATTGAACAAGATGGATTGACAGCAG
 GTTCTCCGGCCGCTTGGGTGGAGAGGCTATTCCGCTATGACTGGGCACAACAGACAATCGGCTGCTCTGA
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 CTGAATGAAGTGCAGGACGAGGACGCGGCTATCGTGGCTGGCCACGACGCGGCTTCTTGCGCAGCTG
 TGCTCGACGTTGTCACTGAAGCGGGAAGGAGTGGCTGTATTGGGCGAAGTGCCGGGGCAGGATCTCCT
 GTCATCTCACCTTGCTCTGCGGAGAAAGTATCCATCATGGCTGATGCAATGCGGCGGCTGCATACGCTT
 GATCCGGCTACCTGCCCATTCGACCACCAAGCGAAACATCGCATCGAGCGAGCAGTACTCGGATGGAAG
 CCGGTCTGTGATCAGGATGATCTGGACGAAGAGCATCAGGGGCTCGCGCCAGCCGAAGTGTCCGCGAG
 GCTCAAGGCGCGCATGCCCGACGCGGAGGATCTCGTCTGACCCATGGCGATGCTGCTGTCGGAATATC
 ATGGTGGAAAAATGGCCGCTTTTCTGGATTATCGAGTGTGGCCGGCTGGGTGTGGCGGACCGCTATCAGG
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 TTACGGTATCGCGGCTCCGATTTCGACGCGCATCGCCTTCTATCGCCTTCTTGACGAGTCTTCTGAGCG
 GGACTCTGGGTTTCGGAATGACCGACCAAGCGACGCCCAACCTGCCATCACGAGATTTTCGATTCCACC
 GCCGCTTCTATGAAAGGTTGGGCTTCGGAATCGTTTTCCGGGACGCGGCTGGATGATCCTCCAGCGCG
 GGGATCTCATGCTGGAGTTCTTCGCCCCACCCCACTTGTATTATGAGCTTATAATGGTTACAAATAAAG
 CAATAGCATCACAATTTACAAATAAAGCATTTTTTCACTGCACTTAGTTGTGGTTTTGTCAAACTC
 ATCAATGCTATCTATCATGTCTGTATACCGTCGACCTCTAGCTAGAGCTTGGCGTAATCATGGTCATAGC
 TGTTTTCTGTGTGAAATTTGTTATCCGCTCACAATTCACACAACATACGAGCCGGAAGCATAAAGTGTA
 AGCCTGGGGTGCTAATGAGTGAGCTAATCACTAATTTGCGTTGCGCTCACTGCCCGCTTTCCAGTGC
 GGAACCTGTGCGTCCAGCTGCAATTAATGAATCGGCCAACGCGCGGGGAGAGGCGGTTTGGCTATTGGG
 GCTCTTCCGCTTCTCGCTCACTGACTCGCTGCGCTCGGTCTGCGCTGCGGCGAGCGGTATCAGCTCA
 CTCAAAGGCGGTAATACGTTATCCACAGAATCAGGGGATAACGAGGAAAGACATGTGAGCAAAAGGC
 CAGCAAAAGGCCAGGAACCGTAAAAAGGCCGCTTGTGCGTTTTTCCATAGGCTCCGCCCCCTGACG

FIGURE 8A

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AGCATCACAAAATCGACGCTCAAGTCAGAGGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCGTT
TCCCCCTGGAAGCTCCCTCGTGCGCTCTCCTGTTCCGACCCCTGCCGCTTACCGGATACCTGTCCGCCTTT
CTCCCTTCGGGAAGCGTGCGCTTTCTCAATGCTCAGCTGTAGGTATCTCAGTTCGGTGTAGGTTCGTTT
GCTCCAAGCTGGGCTGTGTGCACGAACCCCGTTTCAGCCCGACCGCTGCGCCTTATCCGGTAACTATCG
TCTTGAGTCCAACCGGTAAAGACACGACTTATCGCCACTGGCAGCAGCCACTGGTAACAGGATTAGCAGA
GCGAGGTATGTAGGCGGTGCTACAGAGTTCTTGAAGTGGTGGCCTAACTACGGCTACACTAGAAGGACAG
TATTTGGTATCTGCGCTCTGCTGAAGCCAGTTACCTTCGGAAAAAGAGTTGGTAGCTCTTGATCCGGCAA
ACAAACCACCGCTGGTAGCGGTGGTTTTTTTGGTTTCAAGCAGCAGATTACGCGCAGAAAAAAGGATCT
CAAGAAGATCCTTTGATCTTTTCTACGGGGTCTGACGCTCAGTGGAACGAAAACTCACGTTAAGGGATT
TGGTCATGAGATTATCAAAAAGGATCTTCACCTAGATCCTTTTAAATTAAAAATGAAGTTTAAATCAAT
CTAAAGTATATATAGTAAACTTGGTCTGACAGTTACCAATGCTTAATCAGTGAGGCACCTATCTCAGCG
ATCTGTCTATTTCTGTTTCATCCATAGTTGCCTGACTCCCCGTCGTGTAGATAACTACGATACGGGAGGGCT
TACCATCTGGCCCCAGTGCTGCAATGATACCGCGAGACCCACGCTCACCGGCTCCAGATTTATCAGCAAT
AAACCAGCCAGCCGGAAGGGCCGAGCGCAGAAGTGGTCTGCAACTTTATCCGCTCCATCCAGTCTATT
AATTGTTGCCGGGAAGCTAGAGTAAGTAGTTTCGCCAGTTAATAGTTTGCACAACGTGTTGCCATTGCTA
CAGGCATCGTGGTGTACGCTCGTCTGTTTGGTATGGCTTCATTACGCTCCGGTTCCCAACGATCAAGGCG
AGTTACATGATCCCCCATGTTGTGCAAAAAAGCGGTTAGCTCCTTCGGTCCTCCGATCGTTGTGAGAAGT
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GCAAAATGCCGCAAAAAGGGAATAAGGGCGACACGGAAATGTTGAATACTCATACTCTTCTCTTTTCAA
TATTATTGAAGCATTTATCAGGGTTATTGTCTCATGAGCGGATACATATTGAATGTATTAGAAAAATA
AACAAATAGGGGTTCCGCGCACATTTCCCCGAAAAGTGCCACCTGACGTC

FIGURE 8B